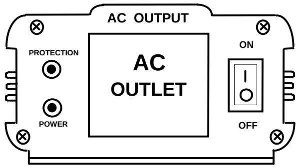
PURE SINEWAVE
DC TO AC POWER INVERTER 600W
DC12V or 24V to AC220V~240V Instruction Manual

Please read user manual before use.



USEFUL APPLICATIONS

RUN NOTEBOOK COMPUTERS, RADIOS, SMALL TVS,
VCRS, LAMPS, FANS, FAX, ... ETC.

SPECIFICATION

INPUT VOLTAGE RANGE : DC 10~15V (12V) // DC 20~30V (24V)
INPUT FULL LOAD CURRENT : 60A (12V) // 30A (24V)
STANDBY INPUT CURRENT : <1.1A (12V) // <0.8A (24V)
OUTPUT VOLTAGE (AC) : 220V~240V
OUTPUT WAVEFORM : PURE SINEWAVE
OUTPUT FREQUENCY : 50Hz or 60Hz
CONTINUE OUTPUT POWER : 600W
PEAK OUTPUT POWER : 1000W
EFFICIENCY : 85%
BATTERY LOW ALARM : 10.5V ± 0.5V (12V) // 21 ± 1V (24V)
BATTERY LOW SHUTDOWN : 10V ± 0.5V (12V) // 20 ± 1V (24V)
THERMAL PROTECT : 65 ± 5
FAN COOLING : CONTROL BY TEMPERATURE
OVERLOAD PROTECT : YES
OUTPUT SHORT PROTECT : YES
HIGH BATTERY PROTECT : YES
BATTERY POLARITY PROTECT : YES (BY FUSE)
FUSE : 25A*3PC (12V) // 20A*2PC (24V)
DIMENTION (L*W*H) mm : 295*117*62
WEIGHT : 1700g

TROUBLESHOOTING

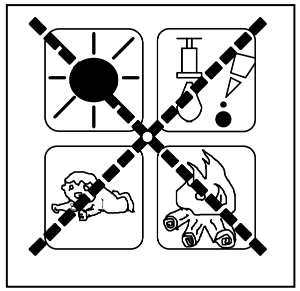
IF THE INVERTER DOES NOT APPEAR TO BE FUNCTIONING PROPERLY, THERE ARE SEVERAL REASONS WHY THE INVERTER MAY NOT BE RESPONDING.

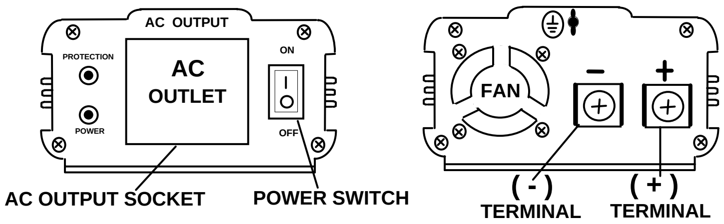
1) POOR CONTACT
   *CLEAN CONTACT PARTS THOROUGHLY.
2) RECEPTACVLE HAS NO POWER
   *CHECK FUSE, REPLACE DAMAGED FUSE.
   *CHECK RECEPTACLE WIRING. REPAIR IF NECESSARY
3) FUSE IS BLOWN
   *THE FUSE IS LOCATED INSIDE THE DC PLUG. REPLACE FUSE WITH A FUSE OF EQUIVALENT VALUE.
4) OVERLOAD CAUSED AC OUTPUT REDUCE
   *REDUCE THE WATTAGE OF YOUR LOAD TO LOWER THAN 600 WATTS.
5) THERMAL CAUSED AC OUTPUT REDUCE
   *UNDER HEAVY LOADS FOR EXTENDED PERIODS OF TIME. THE AC INVERTER WILL REDUCE OUTPUT TO PREVENT DAMAGE TO EXCESS HEAT. IF THIS HAPPENS, PLASE PROCEED AS BELOW :
   (A) SWITCH OFF THE POWER SWITCH OF THIS INVERTER.
   (B) DECREASE LOAD OF THIS MACHINE I. E. DISCONNECT SOME OF THE APPLIANCES OR WAIT UNTIL THIS INVERTER BECOME COOL.
   (C) SWITCH ON THE POWER SWITCH OF THIS INVERTER.
6) LOW-BATTERY SHUTDOWN
   *RECHARGE YOUR BATTERY AND RESUME OPERATION.

CAUTION

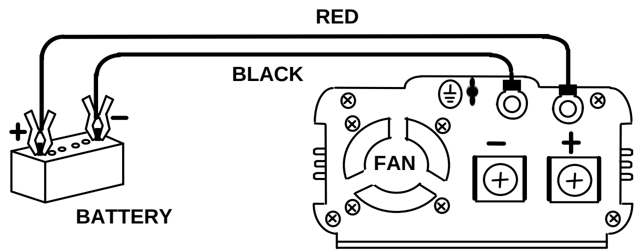
ALWAYS PLACE THE INVERTER IN AN ENVIRONMENT WHICH IS:

(A) WELL VENTILATED
(B) NOT EXPOSED TO DIRECT SUNLIGHT OR HEAT SOURCE
(C) OUT OF REACH FROM CHILDREN
(D) AWAY FROM WATER/MOISTURE, OIL OR GREASE
(E) AWAY FROM ANY FLAMMABLE SUBSTANCE

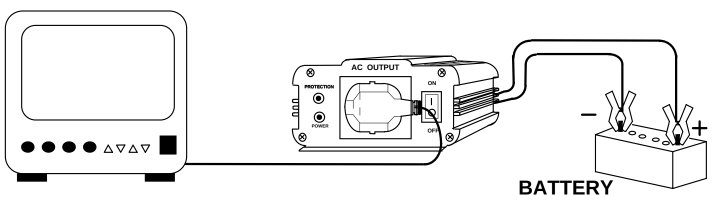




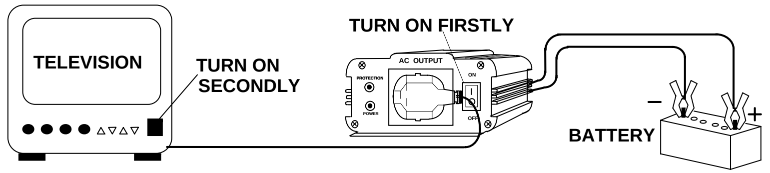
CAUTION : DO NOT REVERSE INPUT. USE RED BATTERY CORD TO CONNECT (+) OF A DC BATTERY TO (+) TERMINAL. AND THEN, USE BLACK BATTERY CORD TO CONNECT (-) BATTERY TO (-) TERMINAL.



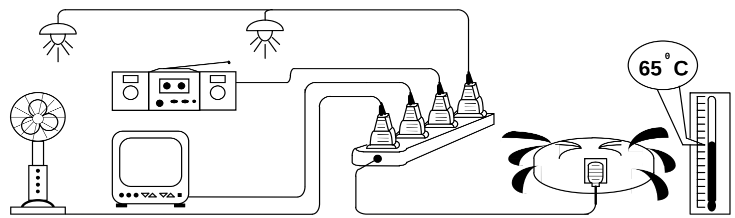
DO NOT USE THE INVERTER BEYOND ITS MAXIMUM OUTPUT POWER. WHEN CONNECTED TO ANY APPLIANCE MAKE SURE THE TOTAL STARTING POWER CAPACITY DOES NOT EXCEED THE MAXIMUM OUTPUT POWER OF THE INVERTER.



WHEN CONNECTED TO ANY APPLIANCE, BE SURE TO TURN ON INVERTER FIRST. AND THEN TURN ON THE POWER SWITCH OF THE APPLIANCE.



IF THE TOTAL WATTS OF ELECTRICAL APPLIANCES EXCEEDS THE OUTPUT CAPACITY OF INVERTER. OR AFTER OPERATING FOR A PERIOD OF TIME. IF THE TEMPERATURE OF THE INVERTER REACHES 65 , THE INVERTER SHALL BE REDUCED AC OUTPUT BY THE PROTECTION CIRCUIT.



CHASSIS EARTH:

THE CHASSIS EARTH LUG SHOULD BE CONNECTED TO AN EARTH POINT, WHICH WILL VARY DEPENDING ON WHER THE POWER INVERTER IS INSTALLED. IN A VEHICLE, CONNECT THE CHASSIS GROUND LUG TO THE CHASSIS OF THE VEHICLE. IN A BOAT, CONNECT TO THE BOAT'S GROUD SYSTEM. IN A FIXED LOCATION, CONNECT TO EARTH.

